

CAS/STN FILE 'WPIX, JAPIO, HCAPLUS, INSPEC, JICST-EPLUS' ENTERED AT
14:51:08 ON 13 OCT 2006

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L1      1132 SEA ABB=ON  PLU=ON  MOEM OR MOEMS OR MO EM OR MO EMS
L2      47  SEA ABB=ON  PLU=ON  MICROOPT?(2A) MEMS
L3     103  SEA ABB=ON  PLU=ON  MICRO OPTIC####(2A) MEMS
L4     105  SEA ABB=ON  PLU=ON  MICRO OPTIC####(2A) MEM
L5      48  SEA ABB=ON  PLU=ON  MICROOPT?(2A) MEM
L6     394  SEA ABB=ON  PLU=ON  (MICROOPT? OR MO OR MICRO OPTIC#####) (3A) (
MICROELECTRO? OR MICRO ELECTRO OR MICROELECTROMECH?)
L7     234  SEA ABB=ON  PLU=ON  (MICROOPT? OR MO OR MICRO OPTIC#####) (3A)
MICROMACH?
L8      97  SEA ABB=ON  PLU=ON  (MICROOPT? OR MO OR MICRO OPTIC#####) (3A)
ELECTROMECH?
L9     234  SEA ABB=ON  PLU=ON  (MICROOPT? OR MO OR MICRO OPTIC#####) (3A)
MICROMACH?
L10    2808 SEA ABB=ON  PLU=ON  (MICROOPT? OR MO OR MICRO OPTIC#####) (3A)
MECHANIC?
L11    420  SEA ABB=ON  PLU=ON  (MICROOPT? OR MO OR MICRO OPTIC#####) (3A)
MACHIN#####
L12    235  SEA ABB=ON  PLU=ON  MICROSCOP##### (3A) (MEM OR MEMS)
L13    109  SEA ABB=ON  PLU=ON  (LENS OR MICROLENS OR FRESNEL) (3A) (MEM OR
MEMS)
L14    146  SEA ABB=ON  PLU=ON  COLLIMAT? AND MEMS
L15    371  SEA ABB=ON  PLU=ON  (MEMS OR ?ELECTROMECH? OR MEM DEVICE) AND
?REFLECTOR
L16    502  SEA ABB=ON  PLU=ON  (MEMS OR ?ELECTROMECH? OR MEM DEVICE) AND
REFLECTOR
L17    257  SEA ABB=ON  PLU=ON  (MEMS OR MICROELECTROMECH? OR MEM DEVICE)
AND REFLECTOR
L18      8  SEA ABB=ON  PLU=ON  (MEMS OR MICROELECTROMECH? OR MEM DEVICE)
AND MICROREFLECTOR
L19    19  SEA ABB=ON  PLU=ON  (MEMS OR MICROELECTROMECH? OR MEM DEVICE)
AND RETROREFLECTOR
L20   2764 SEA ABB=ON  PLU=ON  (MEMS OR MICROELECTROMECH? OR MEM DEVICE)
AND (MIRROR OR MICROMIRROR)
L21    103 SEA ABB=ON  PLU=ON  MICROMOTOR? AND (MIRROR OR MICROMIRROR)
L22     41  SEA ABB=ON  PLU=ON  MICRO MOTOR AND (MIRROR OR MICROMIRROR)
L23   8301 SEA ABB=ON  PLU=ON  (L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR
L8 OR L9 OR L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR
L17 OR L18 OR L19 OR L20 OR L21 OR L22)
L24    141 SEA ABB=ON  PLU=ON  L23 AND STACK#####
L25     34  SEA ABB=ON  PLU=ON  L23 AND SANDWICH#####
L26    116 SEA ABB=ON  PLU=ON  L23 AND MULTILAYER?
L27     21  SEA ABB=ON  PLU=ON  L23 AND MULTILEVEL?
L28     71  SEA ABB=ON  PLU=ON  L23 AND LAYERED
L29      2  SEA ABB=ON  PLU=ON  L23 AND LAYERING
L30     53  SEA ABB=ON  PLU=ON  L23 AND (MULTI OR MULTIPLE) (W) LAYER#####
L31   655  SEA ABB=ON  PLU=ON  L23 AND (SI OR SEMICONDUCT##### OR
SILICON) (2A) (CHIP OR MICROCHIP OR WAFER OR DIE OR SUBSTRATE)
L32     21  SEA ABB=ON  PLU=ON  L23 AND POLYSI##### (2A) (CHIP OR
MICROCHIP OR WAFER OR DIE OR SUBSTRATE)
L33    328 SEA ABB=ON  PLU=ON  L23 AND REFLECT##### (3A) (BEAM OR LIGHT OR
COLLIMAT#####)
L34   1717 SEA ABB=ON  PLU=ON  L23 AND (PATTERN##### OR MICROPATTERN#####
OR GRID##### OR MICROGRID##### OR ARRAY##### OR MICROARRAY#####
#)
L35     12  SEA ABB=ON  PLU=ON  L23 AND MONOCRYST?
L36    234 SEA ABB=ON  PLU=ON  L23 AND (MONO OR SINGLE) (W) CRYST#####

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L37 91 SEA ABB=ON PLU=ON L23 AND FOCUS##### (3A) (BEAM OR LIGHT)
 L38 196 SEA ABB=ON PLU=ON L23 AND COLLIMAT#####
 L39 30 SEA ABB=ON PLU=ON L23 AND PARALLEL(3A) BEAM
 L40 52 SEA ABB=ON PLU=ON L23 AND FRESNEL#####
 L41 33 SEA ABB=ON PLU=ON L23 AND (LIGHT OR RADIATION) (5A) (EMIT#####
 OR EMISS##### OR SOURCE) (5A) (SI OR POLYSI##### OR SILICON OR
 CHIP OR MICROCHIP OR WAFER OR DIE OR SUBSTRATE)
 L42 28 SEA ABB=ON PLU=ON L23 AND SOC
 L43 68 SEA ABB=ON PLU=ON L23 AND SYSTEM(2W) CHIP
 L44 170 SEA ABB=ON PLU=ON L23 AND (REFLECT##### OR RETROREFLECT#####
 OR MICROREFLECT#####) (5A) (SI OR POLYSI##### OR SILICON OR CHIP
 OR MICROCHIP OR WAFER OR DIE OR SUBSTRATE)
 L45 789 SEA ABB=ON PLU=ON L23 AND (MIRROR## OR RETROMIRROR## OR
 MICROMIRROR##) (5A) (SI OR POLYSI##### OR SILICON OR CHIP OR
 MICROCHIP OR WAFER OR DIE OR SUBSTRATE)
 L46 183 SEA ABB=ON PLU=ON L23 AND (REFLECT##### OR RETROREFLECT#####
 OR MICROREFLECT#####) (5A) (SI OR POLYSI##### OR SILICON OR
 CHIP OR MICROCHIP OR WAFER OR DIE OR SUBSTRATE)
 L47 148 SEA ABB=ON PLU=ON L23 AND (PATTERN#### OR MICROPATTERN####) (5
 A) (SI OR POLYSI##### OR SILICON OR CHIP OR MICROCHIP OR
 WAFER OR DIE OR SUBSTRATE)
 L48 250 SEA ABB=ON PLU=ON L23 AND (ARRAY### OR MICROARRAY####) (5A) (SI
 OR POLYSI##### OR SILICON OR CHIP OR MICROCHIP OR WAFER OR
 DIE OR SUBSTRATE)
 L49 566 SEA ABB=ON PLU=ON L23 AND (SURFACE) (5A) (SI OR POLYSI#####
 OR SILICON OR CHIP OR MICROCHIP OR WAFER OR DIE OR SUBSTRATE)
 L50 390 SEA ABB=ON PLU=ON (L24 OR L25 OR L26 OR L27 OR L28 OR L29 OR
 L30)
 L51 3183 SEA ABB=ON PLU=ON (L31 OR L32 OR L33 OR L34 OR L35 OR L36 OR
 L37 OR L38 OR L39 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR
 L46 OR L47 OR L48 OR L49)
 L52 679 SEA ABB=ON PLU=ON MICROMIRROR ARRAY#####
 L53 3367 SEA ABB=ON PLU=ON (L24 OR L25 OR L26 OR L27 OR L28 OR L29 OR
 L30 OR L31 OR L32 OR L33 OR L34 OR L35 OR L36 OR L37 OR L38 OR
 L39 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR L47 OR
 L48 OR L49 OR L50)
 L54 3367 SEA ABB=ON PLU=ON L51 OR L53
 L55 202 SEA ABB=ON PLU=ON L52 AND L54
 L56 4725 SEA ABB=ON PLU=ON (ARRAY##### OR MICROARRAY####) (3A) (MIRROR#
 #### OR MICROMIRROR####)
 L57 2060 SEA ABB=ON PLU=ON (ARRAY##### OR MICROARRAY####) (3A) (REFLECT
 OR OR MICROREFLECT#####)
 L58 579 SEA ABB=ON PLU=ON L54 AND L56
 L59 32 SEA ABB=ON PLU=ON L54 AND L57
 L60 610 SEA ABB=ON PLU=ON L55 OR L58 OR L59
 L61 7 SEA ABB=ON PLU=ON L43 AND L60

FILE 'WPIX, JAPIO, HCAPLUS, INSPEC, JICST-EPLUS' ENTERED AT 15:27:53 ON
 13 OCT 2006

L62 1 SEA ABB=ON PLU=ON MICROSCALE ADAPTIVE OPTICS/TI

FILE 'STNGUIDE' ENTERED AT 15:28:12 ON 13 OCT 2006

FILE 'SCISEARCH' ENTERED AT 15:28:51 ON 13 OCT 2006

L63 1 SEA ABB=ON PLU=ON MICROSCALE ADAPTIVE OPTICS/TI
 D ALL
 L64 SEL PLU=ON L63 1- RE : 20 TERMS
 L65 658 SEA ABB=ON PLU=ON L64
 L66 4 SEA ABB=ON PLU=ON L65 AND SYSTEM(2W)CHIP
 L67 0 SEA ABB=ON PLU=ON L65 AND ONCHIP

L68 11 SEA ABB=ON PLU=ON L65 AND ON CHIP
 L69 1 SEA ABB=ON PLU=ON L65 AND SOC
 L70 0 SEA ABB=ON PLU=ON L65 AND ENTIRE SYSTEM
 L71 2 SEA ABB=ON PLU=ON L65 AND WHOLE SYSTEM
 L72 17 SEA ABB=ON PLU=ON (L66 OR L67 OR L68 OR L69 OR L70 OR L71)
 D ALL TOT

FILE 'STNGUIDE' ENTERED AT 15:30:37 ON 13 OCT 2006

FILE 'INSPEC' ENTERED AT 15:31:56 ON 13 OCT 2006

E MOEMS/CT

L73 238 SEA ABB=ON PLU=ON MOEMS/TI
 L74 2 SEA ABB=ON PLU=ON L73 AND ON CHIP
 D ALL TOT
 L75 6795 SEA ABB=ON PLU=ON MICRO-OPTICS
 L76 13290 SEA ABB=ON PLU=ON MICROMECHANICAL DEVICES
 L77 1028 SEA ABB=ON PLU=ON L75 AND L76
 L78 15 SEA ABB=ON PLU=ON (L73 OR L77) AND ON CHIP
 L79 4 SEA ABB=ON PLU=ON (L73 OR L77) AND SYSTEM ON A CHIP
 L80 18 SEA ABB=ON PLU=ON (L78 OR L79)
 L81 16 SEA ABB=ON PLU=ON L80 NOT L74
 D ALL TOT

FILE 'HCAPLUS' ENTERED AT 15:34:24 ON 13 OCT 2006

L82 100155 SEA ABB=ON PLU=ON SYSTEM ON A CHIP OR ONCHIP OR ON CHIP
 L83 34 SEA ABB=ON PLU=ON L82 AND MOEMS
 L84 34 SEA ABB=ON PLU=ON L82 AND MOEM
 L85 42 SEA ABB=ON PLU=ON L82 AND MICROOPTIC?
 L86 74 SEA ABB=ON PLU=ON L82 AND MICRO OPTIC?

FILE 'REGISTRY' ENTERED AT 15:35:11 ON 13 OCT 2006

L87 82 SEA ABB=ON PLU=ON SI/MF

FILE 'HCAPLUS' ENTERED AT 15:35:33 ON 13 OCT 2006

L88 32 SEA ABB=ON PLU=ON L87 AND (L83 OR L84 OR L85 OR L86)
 L89 2 SEA ABB=ON PLU=ON L88 AND ?GRID?
 L90 3 SEA ABB=ON PLU=ON L88 AND ?PATTERN?
 L91 6 SEA ABB=ON PLU=ON L88 AND ?ARRAY?
 L92 0 SEA ABB=ON PLU=ON L88 AND ?COLUMN?
 L93 0 SEA ABB=ON PLU=ON L88 AND ROW##
 L94 9 SEA ABB=ON PLU=ON (L89 OR L90 OR L91 OR L92 OR L93)
 L95 135 SEA ABB=ON PLU=ON (L83 OR L84 OR L85 OR L86)
 L96 10 SEA ABB=ON PLU=ON L95 AND SYSTEM(2A)CHIP
 L97 8 SEA ABB=ON PLU=ON L96 NOT L94

FILE 'HCAPLUS' ENTERED AT 16:09:56 ON 13 OCT 2006

L98 45 SEA ABB=ON PLU=ON ("LEE S, 1995, V67, P1555, J APPL PHYS
 LETT"/RE OR "LEE S, 1995, V67, P2135, APPL PHYS LETT"/RE OR
 "LEE S, 1995, V67, P3, APPL PHYS LETT"/RE OR "LEE S, 1995,
 V67, P43, APPL PHYS LETT"/RE OR "LEE S, 1995, V67, P45, APPL
 PHYS LETT"/RE) OR ("LEE S, 1995, V7, P1031, IEEE J PHOTO
 TECHNO LETT"/RE OR "LEE S, 1995, V7, P1031, IEEE PHOTON
 TECHNOL LETT"/RE OR "LEE S, 1995, V7, P1031, IEEE PHOTONICS
 TECHNOL LETT"/RE)
 L99 1 SEA ABB=ON PLU=ON L98 AND ?FRESNEL?
 L100 2 SEA ABB=ON PLU=ON L98 AND ?MIRROR?
 L101 2 SEA ABB=ON PLU=ON L98 AND ?REFLECT?
 L102 4 SEA ABB=ON PLU=ON (L99 OR L100 OR L101)
 L103 2 SEA ABB=ON PLU=ON SURFACE TENSION SELF-ASSEMBLED/TI
 L104 SEL PLU=ON L103 1- RE : 103 TERMS

L105	1272	SEA	ABB=ON	PLU=ON	L104
L106	6	SEA	ABB=ON	PLU=ON	L105 AND FRESNEL?
L107	9	SEA	ABB=ON	PLU=ON	L105 AND COLLIMAT?
L108	73	SEA	ABB=ON	PLU=ON	L105 AND ?REFLECT?
L109	171	SEA	ABB=ON	PLU=ON	L105 AND ?MIRROR?
L110	0	SEA	ABB=ON	PLU=ON	L105 AND ?SPECULAR?
L111	7	SEA	ABB=ON	PLU=ON	L105 AND LIGHT SOURCE
L112	123	SEA	ABB=ON	PLU=ON	L105 AND LASER
L113	3	SEA	ABB=ON	PLU=ON	L105 AND SYSTEM(3W)CHIP
L114	18	SEA	ABB=ON	PLU=ON	L108 AND L112
L115	38	SEA	ABB=ON	PLU=ON	L109 AND L112
L116	66	SEA	ABB=ON	PLU=ON	(L106 OR L107) OR L111 OR (L113 OR L114 OR L115)
L117	19	SEA	ABB=ON	PLU=ON	L116 AND 1990-2000/PY
L118	0	SEA	ABB=ON	PLU=ON	L116 AND 1990-2000/PRY
					D L117 ALL TOT